



**U.S. Department of Energy**

Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

**0075945**

**047129**

**JUN 12 1997**

Ms. Armina Nolan  
U.S. Environmental Protection Agency  
1200 Sixth Avenue, M/S OAQ-107  
Seattle, Washington 98101

**RECEIVED**  
FEB 06 2008

Dear Ms. Nolan:

**EDMC**

**RECORDED NOTICE IN DEED FOR HORN RAPIDS LANDFILL (HRL)**

This letter serves to certify that the Notice in Deed for the HRL has been submitted by the U.S. Department of Energy, Richland Operations Office, to the Auditor of Benton County; where it has been recorded under File Number 97-8784. A copy of the Notice in Deed is being provided for your records (Attachment 1).

Located north of Horn Rapids Road near its intersection with Stevens Drive, the HRL extended over approximately 20 hectares (50 acres) of the 600 Area. Originally a borrow pit for sand and gravel, it was used as a landfill primarily for office and construction waste, asbestos, sewage sludge, fly ash, and reportedly, numerous drums of unidentified organic liquids. Classified documents were also incinerated in a burn cage located at the northern edge of the landfill, from the late 1940's into the 1970's. The landfill is situated in generally flat terrain. Five disposal trenches were identified at the site through a study of historic aerial photographs, onsite investigations, and geophysical surveys. Surface debris consisting of auto and truck tires, wood, metal shavings, soft drink cans and bottles, and other small pieces of refuse were scattered across the site. A single trench, the western-most of the identified wastes disposal trenches, was posted with signs warning that the trench contained asbestos.

Section 2.4.2 EM-1 Operable Unit, of the "Construction Close-out Report for 1100-EM-1, 1100-EM-2, and 1100-EM-3 Operable Units, Hanford, Washington, DOE/RL-95-80, Rev. 0," is being provided as Attachment 2. This section details the construction and placement of the asbestos landfill cap, for final closure of the area containing asbestos waste.

Under the current National Emission Standards for Hazardous Air Pollutants (NESHAPs) regulation, the U.S. Environmental Protection Agency (EPA) does not require that a landfill used for asbestos disposal use warning signs or fencing if it meets the requirement to cover asbestos wastes. However, under the Resource Conservation and Recovery Act of 1976, EPA requires that access be controlled to prevent exposure of the public to potential health and safety hazards at the disposal site. Therefore, for liability protection of operators of landfills that handle asbestos, EPA recommends (52 FR 41897, October 30, 1987) that fencing and warning signs be used to control public access when natural barriers do not exist. Access to the landfill is limited to two entrances with gates that are locked when left unattended. Fencing was installed around the perimeter of the disposal site in a manner adequate to deter access by the general public. Warning signs are displayed at all

Ms. Armina Nolan

-2-

047129

JUN 12 1997

entrances and at intervals of 330 feet or less along the property line of the asbestos landfill. These signs read as follows:

ASBESTOS WASTE DISPOSAL SITE

BREATHING ASBESTOS DUST MAY CAUSE LUNG DISEASE AND CANCER

If you want to discuss this matter further or require additional information, please contact me at (509) 372-0649.

Sincerely,



Thomas W. Ferns, Project Manager  
Remedial Actions Project

RAP:TWF

Attachments: As stated

cc w/o attaches:  
R. G. Egge, BHI  
J. J. McGuire, BHI

cc w/attaches:  
P. J. Meese, BCPD  
D. D. Rhodes, City of Richland



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**U.S. Department of Energy**

Richland Operations Office

P.O. Box 550

Richland, Washington 99352

*BCA File No. 97-8784*

Benton County Auditor  
P.O. Box 910  
Prosser, Washington 99350

Dear Sir:

**NOTICE IN DEED**

The U.S. Department of Energy, Richland Operations Office (RL), an operations office of the U.S. Department of Energy, which is a department of the United States Government, the undersigned, whose local address is the Federal Building, 825 Jadwin Avenue, Richland, Washington, hereby gives the following notice as required by 40 Code of Federal Regulations (CFR) 61.151. In conjunction with this requirement, RL hereby requests that this document be recorded, and become public record for future inquiries regarding the history of said parcel.

1. The United States of America is, and since April 1943, has been in possession in fee simple of the following lands:

Real property situated in the north one half of section 15, township 10 north, range 28 east, of the Willamette Meridian, Benton County, Washington, more particularly described as follows:

Beginning at the northwest corner of said section 15; thence south  $00^{\circ}44'52''$  east along the west line thereof, 849.40 feet; thence leaving said west line, north  $89^{\circ}15'08''$  east 2305.08 feet to the most northerly fence corner of the Horn Rapids Landfill (HRL) and the true point of beginning of this description.

Thence south  $47^{\circ}33'47''$  east, 705.38 feet; thence south  $06^{\circ}06'40''$  east, 915.11 feet; thence south  $01^{\circ}23'13''$  east, 347.51 feet; thence south  $89^{\circ}45'16''$  west, 1062.95 feet; thence north  $08^{\circ}08'24''$  west, 907.43 feet; thence north  $19^{\circ}33'09''$  east, 480.88 feet; thence north  $46^{\circ}16'52''$  east, 559.09 feet to the true point of beginning.

Contains 36.87 acres.

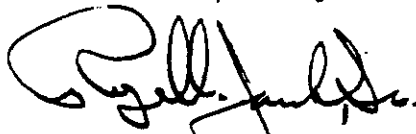
Bearings, distances, and coordinate valued cited herein are grid, reference to the Washington Coordinate System, South Zone, North American Datum of 1983, 1991 adjustment.

Benton County Auditor

-2-

BCA FILE NO. 97-8784

2. RL by operation of the HRL, has disposed of hazardous and/or dangerous waste under the terms of regulations promulgated by the U.S. Environmental Protection Agency (EPA) and the State of Washington Department of Ecology (Ecology) at the above described land.
3. The future use of this described land is restricted under the terms of 40 CFR 61.151 as an asbestos-containing landfill.
4. Any and all future purchasers of this land should inform themselves of the requirements of the regulations and ascertain the amount and nature of wastes disposed on this described property.
5. RL has filed a survey plat with the Benton County Planning Department, EPA, and Ecology, showing the location and dimensions of the HRL site, and a record of the type, location, and quantity of waste treated.



Roger A. Jacob, Sr.  
Realty Officer

Eunice A. Riensche  
Notary in and for the  
State of Washington  
residing in Benton Co.  
Eunice A. Riensche

MY COMMISSION EXPIRES: 4/19/97

MY \_\_\_\_\_